BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE ELECTRICAL DIVISION

Name of Work:-Detailed Estimate For Providing LED Lights at Mallasandra Ward No 13.

Budget Head .....

Division No..... Estimate No. 1000000.00

Sl no	SR Page No	Description of Work	Unit	Qty.	Rate Rs. Ps.	Amount Rs. Ps.
1	26/4.35.3	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have	Nos	36	18720.00	673920.00
2	46/6.13.A.1	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.	Nos	10	4044.00	40440.00
3		Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Nos	10	2178.00	21780.00
4	17.5	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos	20	176.00	3520.00
5	108/17.1.2	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wiresUsing 32mm dia G.I.pipe.	Nos	34	893.00	30362.00
6	64/7.21.7	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	30	20.59	617.70

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7	33/5.2.2	Supply and erection of ……Mtr RCC Pole including earth work etc,. complete as per the standard technical specification of BESCOM 9Mtr 145Kg WL	Nos	10	8029.00	80290.00
8	56/7.6	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 16 + 1 X 25 SQ.MM	Mtrs	400	92.00	36800.00
9	33/5.8.5	Supplying and Fixing ….. including all Hardware's etc. complete as per the standard technical specification of BESCOM RCC Clamp	Nos	6	84.00	504.00
10	2.09	Supplay of 2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	Nos	10	162.00	1620.00
11	53	Suspension clamp suitable for insulated Messsenger wire of size 25 to 95Sq mm	Nos	10	325.00	3250.00
12	53.2	Universal Hook and Bolts & Nuts	Nos	10	305.00	3050.00
13	53.2	Dead End Clamp/Anchor Clamp Assembly 16 to 70 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	Nos	4	200.00	800.00
14	46.6	Erection of Suspension Clamp - 25 to 95 sqmm bare messenger	Nos	10	115.00	1150.00
15	46.1	Fixing of Universal Hook/Dead end clamp	Nos	4	115.00	460.00
16	4.1	Fixing of 2 Pin cross arm with insulator and Braces fixing	Nos	10	96.00	960.00
17	49/6.39.1	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat … with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm	Mtrs	5	263.00	1315.00
		Total Rs				900838.70
		Add KRIDL Charges 11%				99092.26
						69.04
		Total Amount				**1000000.00**

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD Elec SR of 2014-15

JE/Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
DASARAHALLI DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

ಸಂಖ್ಯೆ: ಬೃ.ಬೆಂ.ಮ.ಪಾ : ದಾ.ವ : ತಾಂತ್ರಿಕ :06/ 2018-2019
ದಿನಾಂಕ: 29.11.2018 ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ರೂ.10,00,000/-
(ರೂಪಾಯಿಗಳಲ್ಲಿ ರೂ. ಹತ್ತು ಲಕ್ಷಗಳು ಮಾತ್ರ)
ಗಳಿಗೆ ಮಾತ್ರ 200 - 200 ನೇ ಸಾಲಿನ ದರಗಳ ಪಟ್ಟಿಯಂತೆ ತಾಂತ್ರಿಕ ಪರಿಶೀಲನಾ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು-57

ಸಂ.08.ಕಾ.ಪ.(ವಿ):ದಾವ: 08 2018-19
ದಿನಾಂಕ:30.11.2018 ರೂ.10,00,000/-ಗಳಲ್ಲಿ
ರೂ. ಹತ್ತು ಲಕ್ಷಗಳು ಮಾತ್ರ) ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದ್ದು
ಪಟ್ಟಿ ಸಂಖ್ಯೆ 08 ಪ್ರಮಾಣಂಖ್ಯೆ 29
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ವಿ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು-57

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